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 (FILE 'HOME' ENTERED AT 13:16:31 ON 05 AUG 2005)

     FILE 'REGISTRY' ENTERED AT 13:18:04 ON 05 AUG 2005
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                 E METHYLPHENYLISOCYANATE/CN

     FILE 'CAPLUS' ENTERED AT 13:29:38 ON 05 AUG 2005
L2                 STRUCTURE UPLOADED
L3             0 S L1
L4             0 S L1 FULL
                 S L2

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L5            17 S L2

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L7         12591 S L2 FULL

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L8           414 S L7 FULL
L9            13 S L8 AND NITROTOLUENE
L10            5 S L9 AND PY<2003

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L2 STRUCTURE UPLOADED

=> d
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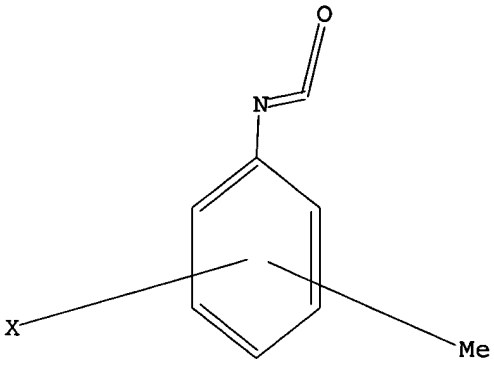

Structure attributes must be viewed using STN Express query preparation.

=> s l1
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=> d l1
L1 HAS NO ANSWERS
L1 0 SEA FILE=REGISTRY METHYLPHENYLISOCYANATE/CN

=> s l1 full
L4 0 L1

=> s l2
REGISTRY INITIATED
Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

L10 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2004:36703 CAPLUS
DN 140:93939
TI Preparation of 1,2-disubstituted 1,4-dihydro-4-oxoquinoline compounds as antiviral agents
IN Tamura, Takashi; Kuriyama, Haruo; Agoh, Masanobu; Agoh, Yumi; Soga, Manabu; Mori, Teruyo
PA Maruishi Pharmaceutical Co., Ltd., Japan
SO Eur. Pat. Appl., 44 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1380575	A1	20040114	EP 2003-18235	20000829
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
				JP 1999-242700 A	19990830
				JP 1999-242701 A	19990830
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				JP 1999-262884 A	19990917
				EP 2000-118673 A3	20000829
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	JP 3521264	B2	20040419		
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				JP 1999-242701 A	19990830
				JP 1999-262883 A	19990917
				JP 1999-262884 A	19990917
				US 2000-649596 A3	20000829

PATENT FAMILY INFORMATION:
FAN 2001:167663

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1081138	A1	20010307	EP 2000-118673	20000829
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				JP 1999-262884 A	19990917
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	JP 3259089	B2	20020218		
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OS MARPAT 140:93939

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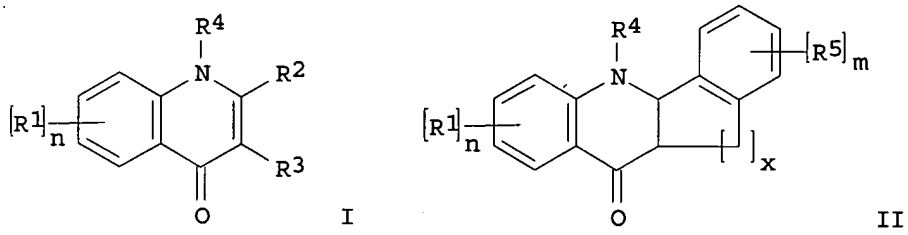


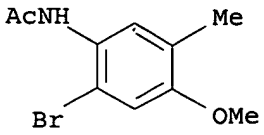
I II

AB The title compds. [I; R1 = alkyl, cycloalkyl, Ph, etc.; n = 1-3; R2 = alkyl, pyridyl, furyl, etc.; R3 = H, alkyl, Ph, etc.; if R2 = Ph optionally substituted with halo or alkoxy, R3 may represent a bridging group between the 3rd position of the quinoline ring and said Ph at a position next to the ring carbon atom at which said Ph is directly connected to the quinoline ring, said bridging being selected from CH2, CO, 1,2-ethylidene, etc.; if R2 = 2-thienyl, 5-alkyl-2-thienyl or N-alkylpyrrol-3-yl, R3 may represent CH2; R4 = alkyl, alkenyl, CH2Ph, Ph] having antiviral activity, were prepared When the bridge is formed of a C1-3 alkylidene, the compound of the invention has formula II [R1, R4, n as above; x = 1-3; R5 = H, halo, alkyl, alkoxy; m = 1-2]. Thus, treating 1-indanone with n-BuLi and tetramethylenediamine in THF followed by addition of 1-ethyl-6-isopropylisatoic anhydride (preparation given) afforded II [x = 1; R1 = 8-iso-Pr; R4 = Et; R5 = H]. The compds. I were tested in vitro for anti-picornavirus activity and for anti-rhinovirus activity (data given).

IT **645419-16-5P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of 1,2-disubstituted 1,4-dihydro-4-oxoquinoline compds. as antiviral agents)

RN 645419-16-5 CAPLUS

CN Acetamide, N-(2-bromo-4-methoxy-5-methylphenyl)- (9CI) (CA INDEX NAME)



RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2002:658088 CAPLUS
DN 137:201304
TI Preparation of 3-phenoxy and 3-pyridyloxypyrazole-1-carboxamide and -thiocarboxamide derivatives and intermediates therefor, processes for producing these, and herbicide containing these as active ingredient
IN Hirai, Kenji; Uchida, Atsushi; Watanabe, Atsuko; Abe, Taeko; Ueda, Takuya; Ito, Hiroshi
PA Sagami Chemical Research Center, Japan; Kaken Pharmaceutical Co., Ltd.
SO PCT Int. Appl., 176 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002066439	A1	20020829	WO 2002-JP1411	20020219 <--
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RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
			JP 2001-43199	A 20010220
EP 1362852	A1	20031119	EP 2002-712451	20020219
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
			JP 2001-43199	A 20010220
			WO 2002-JP1411	W 20020219
BR 2002007412	A	20040225	BR 2002-7412	20020219
			JP 2001-43199	A 20010220
			WO 2002-JP1411	W 20020219
US 2005070441	A1	20050331	US 2004-468527	20040302
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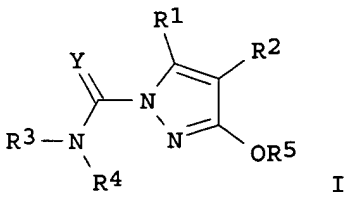
			WO 2002-JP1411	W 20020219

OS MARPAT 137:201304
GI



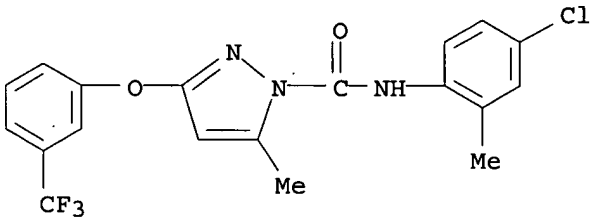
I

AB Pyrazole derivs. represented by the following general formula [I; R1 = H, (un)substituted C1-6 alkyl or C3-8 cycloalkyl, C1-6 alkoxycarbonyl, (un)substituted Ph; R2 = H,halo, (un)substituted C1-6 alkyl; R3 = H, (un)substituted C1-12 alkyl, C3-8 cycloalkyl, C7-11 aralkyl, C3-6 alkenyl,

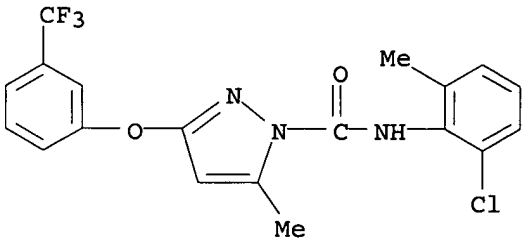
C3-6 alkynyl, Ph, C1-6 alkoxy, C3-8 cycloalkyloxy, C7-11 aralkyloxy, C3-6 alkenyloxy, C3-6 alkynyloxy, or PhO; R4 = H, (un)substituted C1-12 alkyl, C3-8 cycloalkyl, C7-11 aralkyl, C3-6 alkenyl, C3-6 alkynyl, or Ph; or NR3R4 together forms a heterocyclic ring; R5 = (un)substituted Ph or pyridyl; Y = O, S] are prepared Thus, 0.40 g Et3N and 0.25 g Me isocyanate were added to a solution of 1.24 g 3-(2,6-dichloro-4-trifluoromethylphenyloxy)-5-methylpyrazole in 20 EtOAc and stirred at room temperature for 6 h to give 59.0% N-methyl-3-(2,6-dichloro-4-trifluoromethylphenyloxy)-5-methylpyrazole-1-carboxamide (II). II at 1 kg/ha postemergence completely controlled Chenopodium album, Echinochloa crus-galli, Amaranthus retroflexus, and Digitaria ciliaris.

IT **452098-62-3P 452098-64-5P**
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of phenoxy- and pyridyloxypyrazolecarboxamides and -thiocarboxamide derivs. as herbicides)

RN 452098-62-3 CAPLUS
CN 1H-Pyrazole-1-carboxamide, N-(4-chloro-2-methylphenyl)-5-methyl-3-[3-(trifluoromethyl)phenoxy]- (9CI) (CA INDEX NAME)



RN 452098-64-5 CAPLUS
CN 1H-Pyrazole-1-carboxamide, N-(2-chloro-6-methylphenyl)-5-methyl-3-[3-(trifluoromethyl)phenoxy]- (9CI) (CA INDEX NAME)



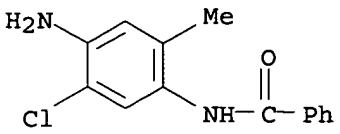
L10 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1953:23816 CAPLUS
DN 47:23816
OREF 47:4085e-g
TI Naphthol dyes. I. Synthesis of Fast Violet B base
AU Konishi, Kenzo; Nishiura, Ayaru
CS Naniwa Univ., Sakai
SO J. Soc. Org. Synthet. Chem. (Japan) (**1952**), 10, 542-5
DT Journal
LA Unavailable
AB 2-Amino-4-chlorotoluene was condensed in Na2CO3 with p-toluenesulfonyl chloride at 95° to 2-(p-tolylsulfonamido)4-chlorotoluene, further nitrated with 15% HNO3 at 80° to 2-p-tolylsulfonamido-4-chloro-5-**nitrotoluene**, deacylated with 80% H2SO4 at 110-15° to 2-amino-4-chloro-5-**nitrotoluene** (I), methoxylated with MeOH-KOH at 130° to 2-amino-4-methoxy-5-**nitrotoluene**, benzoylated in toluene by boiling with BzCl over an oil bath to 2-benzamido-4-methoxy-5-**nitrotoluene**, and finally reduced by boiling over a water bath with Fe dust (in EtOH) and 5% HCl to 2-benzamido-4-methoxy-5-aminotoluene (Fast Violet B base), yield above 80%; with Raney Ni catalyst above 90%.

From I by similar benzoylation and reduction was obtained 2-benzamido-4-chloro-5-aminotoluene which gave fast brown with naphthol dyes.

IT **812665-69-3**, o-Benzotoluidide, 4'-amino-5'-chloro-
(preparation of)

RN 812665-69-3 CAPLUS

CN o-Benzotoluidide, 4'-amino-5'-chloro- (5CI) (CA INDEX NAME)



L10 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1947:11816 CAPLUS

DN 41:11816

OREF 41:2397h-i,2398a-h

TI Qualitative separation of the isomeric nuclear-substituted tetrabromonitrotoluenes

AU Qvist, Walter

CS Abo Akad., Abo, Finland

SO Acta Acad. Aboensis, Math. et Phys. (**1940**), Volume Date 1939, 12(No. 1), 17 pp.

DT Journal

LA German

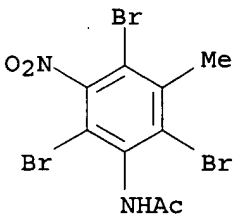
AB In a study of the composition of the nitration products of tetrabromcymene other than 2,3,5,6-tetrabromo-4-**nitrotoluene** (I), the isomers of I were prepared and studied. p-MeC6H4NH2 (25 g.) in 2 l. 10% HCl was treated with 75 g. Br. The solid material, filtered, washed with H2O, and recrystd. from EtOH, gave 53 g. 3,5-dibromo-4-aminotoluene (II), m. 73-4°. II (60 g.), treated according to Nevile and Winther (Ber. 13, 974(1880)), washed with EtOH and Et2O, and recrystd. from EtOH, yielded 40 g. 3,4,5-tribromotoluene (III), m. 90.5-1.5°. III (20 g.), 2 g. iodine, 2 g. Fe, and 3.2 ml. Br in 200 g. CCl4 were heated at 50° in daylight until all the Br had reacted (a few days to 3 weeks, depending upon the season). The reaction product was washed with Na2S2O3 solution, with H2O, dried, and evaporated The residue, recrystd. from EtOH, yielded 19.8 g. 2,3,4,5-tetrabromotoluene (IV), m. 111.5-12.5°. IV (2 g.) was gently heated with 40 ml. fuming HNO3 until solution was complete (0.5 hr.). Cooling yielded 1.5 g. crude 3,4,5,6-tetrabromo-2-**nitrotoluene** (V) which, boiled with an equal amount of piperidine in EtOH and then recrystd. from EtOH, yielded pure V, m. 220.5-1.5°. Longer heating with fuming HNO3 or heating with HNO3 and H2SO4 resulted in lower yields. In a similar manner, starting with m-MeC6H4NH2, were prepared 2,4,6-tribromo-3-aminotoluene (VI), m. 102.5-3°, and 2,3,4,6-tetrabromotoluene (VII), m. 112-12.5°. VII (2.5 g.) and 75 ml. fuming HNO3 were kept at room temperature several hrs. and then slowly heated until solution was complete. Cooling yielded 1.95 g. crude crystals which, purified with EtOH and piperidine, yielded 2,4,5,6-tetrabromo-3-**nitrotoluene** (VIII), m. 224.5-5.5°. Nitration of VII with concentrated H2SO4 and fuming HNO3 gave demethylated and other by-products. VI (5 g.), 1.55 g. Ac2O, a few drops H2SO4, and some AcOH heated on the H2O bath until solution was complete, and the resulting product recrystd. from dilute EtOH gave 2,4,6-tribromo-3-acetamidotoluene (IX), m. 211.5-12°. IX gradually added to cold fuming HNO3 and then poured onto ice gave 2,4,6-tribromo-5-nitro-3-acetamidotoluene (X), m. 269-9.5° (EtOH). X was heated with concentrated H2SO4 at 110° 10 min., cooled, and poured onto ice. The precipitate, washed and recrystd. from EtOH, gave 2,4,6-tribromo-5-nitro-3-aminotoluene (XI), m. 188.5-9.5°. XI (10 g.) in cold concentrated H2SO4 was treated with nitrous gases, diluted with H2O, and treated with KBr and Br. The precipitated perbromide was filtered, carefully washed with H2O, EtOH, and Et2O, and decomposed by solution in warm AcOH. The resulting precipitate (7.2 g.), purified by means of piperidine and EtOH and recrystd. from EtOH, yielded 4.7 g. VIII. Nitration of tetrabromocymene,

purification with piperidine and EtOH, and recrystn. from EtOH yielded I, m. .217.5-18.5°. Mixed m.ps. of various percentages of I and V, I and VIII, and V and VIII showed no depression. Reduction of I, V, and VIII with Zn and AcOH at room temperature gave solid products which were easily identified. V (100 mg.) was treated with 0.5 g. Zn and 10 ml. AcOH and allowed to stand 24 hrs. at room temperature The mixture was diluted with H2O, filtered, and extracted with Et2O. The Et2O extract was evaporated and the residue, dissolved in EtOH, precipitated with H2O, and recrystd. from 50% EtOH, yielded 3,5,6-tribromo-2-aminotoluene (XII), m. 85-5.5°. XII was diazotized with nitrous gases in dilute HNO3, diluted with H2O, and heated with EtOH a few hrs. on the H2O bath. The precipitate, filtered and crystallized from dilute MeOH, gave 2,3,5-tribromotoluene (XIII), m. 52-2.5°, did not depress the m.p. of authentic XIII. Nitration of XIII with fuming HNO3 and concentrated H2SO4 yielded 3,5,6-tribromo-2,4-dinitrotoluene, m. 213.5-14.5°. Similar reduction of VIII and recrystn. from EtOH yielded 2,4,6-tribromo-3-aminotoluene (XIV), m. 102.5-3°; mixed m.p. with XII, 77-80°. Removal of the NH2 group as above gave 2,4,6-tribromotoluene (XV), m. 68-9°. Similar reduction of I and recrystn. from 30% EtOH gave 2,6-dibromo-4-aminotoluene, m. 89-90°, which upon bromination yielded XV. XIII was prepared by brominating o-MeC6H4NH2 in HCl solution to form 3,5-dibromo-2-aminotoluene, m. 47-8°, which was deaminized by diazotization as described above. XV was prepared similarly from m-MeC6H4NH2.

IT **857569-22-3**, m-Acetotoluidide, 2',4',6'-tribromo-5'-nitro-
(preparation of)

RN 857569-22-3 CAPLUS

CN m-Acetotoluidide, 2',4',6'-tribromo-5'-nitro- (5CI) (CA INDEX NAME)



L10 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1945:5940 CAPLUS

DN 39:5940

OREF 39:918i,919a-b

TI Nitro amino derivatives of o-bromobenzoic acid

AU Goldstein, Henri; Preitner, Gaston

SO Helvetica Chimica Acta (**1944**), 27, 888-91
CODEN: HCACAV; ISSN: 0018-019X

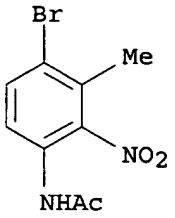
DT Journal

LA French

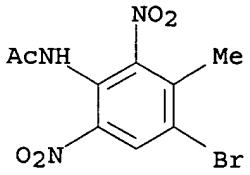
AB Nitration of 0.52 g. of 2,5-Br(AcNH)C6H3CO2H (prepared by a slight modification of the method of Bamberger, C. A. 19, 1258) with 0.8 cc. HNO3 (d. 1.50) at room temperature for 20 min. gave 0.50 g. (83%) of 5-acetamido-2-bromo-6-nitrobenzoic acid (I), m. 112°, identical with the product obtained by the oxidation of 1.08 g. of 5-acetamido-2-bromo-6-**nitrotoluene** (II) with 2 g. KMnO4 in 50 cc. H2O in the presence of 2 g. MgSO4 in 99 cc. H2O by refluxing for 3-4 h. and crystallizing the product from AcOH. I was saponified to the corresponding 5-amino-2-bromo-6-nitrobenzoic acid, m. 218°. II was obtained in the nitration of 11.5 g. of 5-acetamido-2-bromotoluene, m. 103-4°, which yielded 7 g. of 5-acetamido-2-bromo-4-**nitrotoluene** (III), m. 126-7°, II and some 5-amino-2-bromo-6-**nitrotoluene**, m. 103°, and a small amount of 5-acetamido-2-bromo-4,6-dinitrotoluene, m. 224-5°. Oxidation of III produced the corresponding 5-acetamido-2-bromo-4-nitrobenzoic acid, m. 208°, saponified to 5-amino-2-bromo-4-nitrobenzoic acid, m. 236.5°, in 77% yields.

IT **857617-22-2**, m-Acetotoluide, 4-bromo-2-nitro- **857617-25-5**
, m-Acetotoluide, 4-bromo-2,6-dinitro-
(preparation of)

RN 857617-22-2 CAPLUS
CN m-Acetotoluide, 4-bromo-2-nitro- (4CI) (CA INDEX NAME)



RN 857617-25-5 CAPLUS
CN m-Acetotoluide, 4-bromo-2,6-dinitro- (4CI) (CA INDEX NAME)



Refine Search

Search Results -

Terms	Documents
L1 and triphosgene	10

Database: US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search: L8

Refine Search

Recall Text

Clear

Interrupt

Search History

DATE: Friday, August 05, 2005 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ			
L8	L1 and triphosgene	10	L8
L7	L5 and triphosgene	5	L7
L6	L5 and phosgene	12	L6
L5	L2 and ((tin or nickel) or (sn or ni))	25	L5
L4	L3 and phosgene	2	L4
L3	phenylisocyanate same nitrotoluene same reduc$6	2	L3
L2	L1 and reduc$6	43	L2
L1	phenylisocyanate and nitrotoluene	49	L1

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L5 and phosgene	12

Database:
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search: L6

Refine Search

Recall Text | Clear | Interrupt

Search History

DATE: Friday, August 05, 2005 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ			
L6	L5 and phosgene	12	L6
L5	L2 and ((tin or nickel) or (sn or ni))	25	L5
L4	L3 and phosgene	2	L4
L3	phenylisocyanate same nitrotoluene same reduc$6	2	L3
L2	L1 and reduc$6	43	L2
L1	phenylisocyanate and nitrotoluene	49	L1

END OF SEARCH HISTORY

Hit List

Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Search Results - Record(s) 1 through 10 of 12 returned.

☐ 1. Document ID: US 6875760 B2

Using default format because multiple data bases are involved.

L6: Entry 1 of 12 File: USPT Apr 5, 2005

US-PAT-NO: 6875760
DOCUMENT-IDENTIFIER: US 6875760 B2

TITLE: Glucagon antagonists/inverse agonists

DATE-ISSUED: April 5, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lau; Jesper	Farum			DK
Madsen; Peter	Bagsv.ae butted.rd			DK
Sams; Christian	Frederiksberg			DK
Behrens; Carsten	Copenhagen			DK
Christensen; Inge Th.o slashed.ger	Lyngby			DK
Lundt; Behrend Frederik	Kokkedal			DK
Sidelmann; Ulla Grove	Vedb.ae butted.k			DK
Th.o slashed.gersen; Henning	Farum			DK
Ling; Anthony L.	San Diego	CA		
Plewe; Michael Bruno	San Diego	CA		
Truesdale; Larry Kenneth	San Diego	CA		
J.o slashed.gensen; Anker Steen	Copenhagen			DK
Kodra; Janos Tibor	Copenhagen			DK
Shi; Shenghua	San Diego	CA		

US-CL-CURRENT: 514/183; 514/383, 514/417, 514/562, 514/567, 514/617, 514/63, 548/250, 548/253, 548/473, 548/481, 562/430 , 562/439

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 2. Document ID: US 6506901 B2

L6: Entry 2 of 12 File: USPT Jan 14, 2003

US-PAT-NO: 6506901
DOCUMENT-IDENTIFIER: US 6506901 B2

TITLE: Substituted 2-(S)-hydroxy-3-(piperidin-4-yl-methylamino)-propyl ethers and substituted 2-aryl-2-(R)-hydroxy-1-(piperidin-4-yl-methyl)-ethylamine .beta.-3 adrenergic receptor agonists

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. De

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☐ 3. Document ID: US 6503949 B1

L6: Entry 3 of 12 File: USPT Jan 7, 2003

US-PAT-NO: 6503949
DOCUMENT-IDENTIFIER: US 6503949 B1

TITLE: Glucagon antagonists/inverse agonists

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. De

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☐ 4. Document ID: US 6114390 A

L6: Entry 4 of 12 File: USPT Sep 5, 2000

US-PAT-NO: 6114390
DOCUMENT-IDENTIFIER: US 6114390 A

TITLE: Amino acid derivatives, pharmaceutical compositions containing these compounds and processes for preparing them

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. De

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☐ 5. Document ID: US 4349484 A

L6: Entry 5 of 12 File: USPT Sep 14, 1982

US-PAT-NO: 4349484
DOCUMENT-IDENTIFIER: US 4349484 A
**** See image for Certificate of Correction ****

TITLE: Process for the manufacture of mixtures of diphenylmethane diisocyanates and polyphenyl polymethylene polyisocyanates

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. De

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☐ 6. Document ID: US 4332739 A

L6: Entry 6 of 12 File: USPT Jun 1, 1982

US-PAT-NO: 4332739
DOCUMENT-IDENTIFIER: US 4332739 A

TITLE: Process for the manufacture of aromatic isocyanates

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 7. Document ID: US 3981831 A

L6: Entry 7 of 12 File: USPT Sep 21, 1976

US-PAT-NO: 3981831
DOCUMENT-IDENTIFIER: US 3981831 A

TITLE: Inorganic-organic plastic

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 8. Document ID: US 3657265 A

L6: Entry 8 of 12 File: USOC Apr 18, 1972

US-PAT-NO: 3657265
DOCUMENT-IDENTIFIER: US 3657265 A

TITLE: PROCESS FOR PREPARING BENZOXAZOLONES FROM AROMATIC NITRO COMPOUNDS

DATE-ISSUED: April 18, 1972

INVENTOR-NAME: HAMMOND PHILIP D; KOBER EHRENFRIED H

US-CL-CURRENT: 548/221, 502/228, 502/230, 502/313, 502/339

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 9. Document ID: US 3523964 A

L6: Entry 9 of 12 File: USOC Aug 11, 1970

US-PAT-NO: 3523964
DOCUMENT-IDENTIFIER: US 3523964 A

TITLE: PREPARATION OF AROMATIC ISOCYANATES

DATE-ISSUED: August 11, 1970

INVENTOR-NAME: SCHNABEL WILHELM J; HAMMOND PHILIP D ; KOBER EHRENFRIED H

US-CL-CURRENT: 560/342

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 10. Document ID: US 3523962 A

L6: Entry 10 of 12 File: USOC Aug 11, 1970

US-PAT-NO: 3523962
DOCUMENT-IDENTIFIER: US 3523962 A

TITLE: PROCESS FOR PREPARING ORGANIC ISOCYANATES

DATE-ISSUED: August 11, 1970

INVENTOR-NAME: OTTMANN GERHARD F; GAVIN DAVID F ; KOBER EHRENFRIED H

US-CL-CURRENT: 560/342, 502/162, 502/164, 502/166, 528/44, 528/70, 528/74, 528/75, 544/35, 544/37, 549/243, 556/13, 556/14, 556/15, 556/16, 556/20, 556/21, 556/22, 556/23, 560/20, 560/8

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. D

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Terms	Documents
L5 and phosgene	12

Display Format: - Change Format

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Search Results - Record(s) 11 through 12 of 12 returned.

☐ 11. Document ID: US 3481968 A

Using default format because multiple data bases are involved.

L6: Entry 11 of 12 File: USOC Dec 2, 1969

US-PAT-NO: 3481968
DOCUMENT-IDENTIFIER: US 3481968 A

TITLE: PREPARATION OF HALOGENATED AROMATIC ISOCYANATES

DATE-ISSUED: December 2, 1969

INVENTOR-NAME: OTTMANN GERHARD F; GAVIN DAVID F ; KOBER EHRENFRIED H

US-CL-CURRENT: 560/342, 502/170, 502/174, 502/182, 502/201, 502/208, 502/217, 502/219, 502/222, 502/224, 502/225, 502/226, 502/227, 502/228, 502/229, 502/230, 502/231, 502/240, 502/242, 502/243, 502/250, 502/254, 502/260, 502/261, 502/262, 521/162, 528/44, 544/37, 560/103, 560/349, 568/584, 568/585, 568/586, 568/588

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

☐ 12. Document ID: US 3071617 A

L6: Entry 12 of 12 File: USOC Jan 1, 1963

US-PAT-NO: 3071617
DOCUMENT-IDENTIFIER: US 3071617 A

TITLE: Nitro plastic propellants

DATE-ISSUED: January 1, 1963

INVENTOR-NAME: HASS HENRY B

US-CL-CURRENT: 525/452; 149/105, 149/19.1, 149/19.4, 149/19.91, 149/36, 149/88, 523/138, 525/123, 525/377, 525/461, 525/523, 525/540, 525/56, 525/61, 528/370, 528/372, 528/397, 528/68, 544/240, 548/462, 549/370, 564/107, 564/151, 564/33, 568/932

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Terms	Documents
L5 and phosgene	12

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